

IN THE CLAIMS

1. (Current Amended) A method, comprising:

(a) automatically logging a history of object browsing using a browser, comprising at least logging path information ~~necessary to define~~ defining a path dependent object state; ~~wherein a uniform resource locator is insufficient to define said path dependent object state;~~

(b) representing a path defining a said path dependent object state as a display element; and

(b c) displaying, in conjunction with the browser, a set of display elements, wherein a selection of a display element in the browser recalls the path dependent object state is adapted to be recalled in response to selection of said display element representing said path represented thereby, to provide path information defining the state of the path dependent object.

2. (Cancelled) The human computer interface enhancement according to claim 1, further comprising a set of associated hyperlinks provided for each respective object resource locator.

3. (Previously Presented) The method according to claim 1, wherein at least one component of the path dependent object state is defined by execution of a script.

4. (Previously Presented) The method according to claim 1, wherein said logging is conducted local to and distinct from the browser.

5. (Currently Amended) The method according to claim 1, wherein said logging is conducted remote from the object browser.

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6. (Currently Amended) The method according to claim 1, wherein said displaying step is controlled by an applet supported by the browser.

7. (Currently Amended) The method according to claim 1, wherein said displaying ~~step displays~~ comprises displaying a set collection of display elements arrayed chronologically, ~~each~~ at least one display element comprising at least one hyperlink to an associated set of path dependent object state information.

8. (Currently Amended) The method according to claim 1, wherein ~~each~~ at least one display element ~~comprises~~ is associated with a duration of browsing of a respective object.

9. (Currently Amended) A history display system, comprising:
means for automatically storing a history of browser use to define objects by a user, at least a portion of said objects ~~having~~ defining states which are path dependent;
means for editing, by the user, the stored history; and
means for display of the history as ~~at least one~~ or more display ~~hyperlink~~ hyperlinks, at least one of said display hyperlinks representing a ~~set of plural~~ plurality of user actions which together define a path dependent object state.

10. (Currently Amended) The history display system according to claim 9, wherein said display hyperlinks to the referenced objects ~~to~~ allow arbitrary selection of an object.

11. (Currently Amended) The history display system according to claim 9, wherein said display hyperlinks to the referenced objects ~~to~~ allow arbitrary selection of a historical state.

12. (Original) The history display system according to claim 9, wherein graphic representations of the referenced objects are arrayed chronologically.

13. (Previously Presented) The history display system according to claim 12, wherein a graphic representation for a respective referenced object includes a hyperlink to the referenced object and at least one automatically generated hyperlink relating to, but distinct from the hyperlink to the referenced object.

14. (Currently Amended) The history display system according to claim 9, wherein graphic representations of the referenced objects are arrayed ~~hierarchially~~ hierarchically.

15. (Original) The history display system according to claim 9, wherein graphic representations of the referenced objects display include importance-weighting information.

16. (Original) The history display system according to claim 9, wherein the storing means comprises a software construct executing locally to the user.

17. (Original) The history display system according to claim 9, wherein the storing means comprises a software construct executing remotely from the user.

18. (Currently Amended) The history display system according to claim 9, wherein the history display means ~~displays~~ is adapted to display commercial information supplemental to the stored history of object references by the user, said commercial information being displayed in association with a commercial subsidy.

19. (Cancelled) A method of trapping URL references in an unmodified Web browser supporting frames, comprising the steps of loading a Web page from a cooperative server in a first frame; identifying a desired URL with the browser to request an Internet resource in a second frame, providing a script in the first frame to capture the identified URL in the second frame and transmit it to the cooperative server, and downloading, from the cooperative server to the Web browser first frame, a sequence of identified URLs.

20. (Cancelled) The method according to claim 19, wherein the cooperative server provides commercial information to the Web browser distinct from the sequence of identified URLs.

21. (Cancelled) The method according to claim 20, wherein the commercial information provided is dependent on at least one of the sequence of identified URLs.

22. (Cancelled) The method according to claim 20, wherein the commercial information is based on a predicted purchase by a user of the Web browser, based on the sequence of identified URLs.

23. (Cancelled) A computer-readable software medium, containing therein a program executable for performing the method of claim 19.

24. (Currently Amended) A computer implemented method, comprising:
automatically storing a history of browser use, said history comprising path information ~~necessary for defining a state path~~ of at least one path dependent object, said state dependent object having a an associated universal resource locator ~~which is insufficient to define said path dependent object~~;

displaying the history of browser use as ~~a set of~~ one or more graphical representations, at least one of said graphical ~~representation~~ representations being associated with said path information ~~defining the defining path of the path dependent object~~;

receiving a selection of a graphical representation representing the path dependent object from a user; and

automatically generating a sequence of states to define the path dependent object.

25. (Previously Presented) The computer implemented method according to claim 24, wherein said displaying step displays graphical representations representing

supplemental objects not browsed by a user, said supplemental objects being selected by an entity other than the user.

26. (Previously Presented) The computer implemented method according to claim 24, wherein said displaying step displays graphical representations of commercial subsidy elements, not browsed by a user, said commercial subsidy objects being associated with a commercial subsidy.

27. (New) A method comprising:
automatically logging a history of object browsing using a browser comprising at least logging path information defining a path dependent object state;
representing a path defining said path dependent object state as a display element;
displaying, in conjunction with said browser, a plurality of display elements; and
recalling said path dependent object state represented by said display element to provide said path information defining said state of the path dependent object in response to selection of said display element in said browser.

28. (New) The method according to claim 27, further comprising executing a script to present a sequence of states representing said path information.

29. (New) The method according to claim 27, wherein said logging is conducted local to and distinct from the browser.

30. (New) The method according to claim 27, wherein said logging is conducted remote from the browser.

31. (New) The method according to claim 27, wherein said displaying is controlled by an applet supported by the browser.

32. (New) The method according to claim 27, wherein said displaying comprises displaying a collection of display elements arrayed chronologically, at least

one display element comprising at least one hyperlink to an associated set of path dependent object state information.

33. (New) The method according to claim 27, wherein at least one display element is associated with a duration of browsing of a respective object.

34. (New) The method according to claim 27, wherein said display hyperlinks to the represented objects allow arbitrary selection of an object.

35. (New) The method according to claim 27, wherein said display hyperlinks to the represented objects allow arbitrary selection of a historical state.

36. (New) The method according to claim 27, wherein graphic representations of the represented objects are arrayed chronologically.

37. (New) The method according to claim 27, wherein a graphic representation for a respective represented object includes a hyperlink to the represented object and at least one automatically generated hyperlink relating to, but distinct from the hyperlink to the represented object.

38. (New) The method according to claim 27, wherein graphic representations of the represented objects are arrayed hierarchically.

39. (New) The method according to claim 27, wherein graphic representations of the represented objects display include importance-weighting information.

40. (New) The method according to claim 27, wherein said displaying comprises displaying commercial information supplemental to the path dependent object state, said commercial information being displayed in association with a commercial subsidy.

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41. (New) The method according to claim 27, wherein said displaying comprises displaying graphical representations representing supplemental objects not browsed by a user, said supplemental objects being selected by an entity other than the user.

42. (New) The method according to claim 27, wherein said displaying comprises displaying graphical representations of commercial subsidy elements, not browsed by a user, said commercial subsidy objects being associated with a commercial subsidy.